

WHAT IS CLAIMED IS:

1. A digital broadcast receiving apparatus comprising:
means for setting information of a digital
broadcast program and the type of information provided
5 in the program, in advance;
means for receiving digital broadcast of the
program and extracting information related to the set
type; and
printing means for print-outputting the extracted
10 information.
2. A digital broadcast receiving apparatus, connected to
printing means for print-outputting information provided
by digital broadcasting, comprising:
15 means for setting information of a digital
broadcast program and the type of information provided
in the program, in advance;
means for receiving digital broadcast of the
program and extracting information related to the set
20 type;
output means for outputting print data of the
extracted information to said printing means.
3. A digital broadcast receiving apparatus comprising:
25 designation means for, regarding information
provided in a digital broadcast program, designating

print-output of said information at the next and
subsequent broadcast times;

storage means for storing the program and the type
of said information designated by said designation

5 means; and

means for performing print-output of information
related to said type as to the stored program at the
next and subsequent broadcast times.

10 4. A digital broadcast receiving apparatus, connected to
printing means for print-outputting information provided
by digital broadcasting, comprising:

designation means for, regarding information
provided in a digital broadcast program, designating

15 print-output of said information at the next and
subsequent broadcast times;

storage means for storing the program and the type
of said information designated by said designation
means;

20 means for outputting print data of information
related to said type as to the stored program at the
next and subsequent broadcast times to said printing
means.

25 5. The digital broadcast receiving apparatus according
to claim 3, wherein the program and the type of

information are stored into said storage means only in accordance with designation from an operator.

6. The digital broadcast receiving apparatus according
5 to claim 4, wherein the program and the type of information are stored into said storage means only in accordance with designation from an operator.

7. The digital broadcast receiving apparatus according
10 to claim 1, further comprising:

means for judging whether or not print-output of said information is permitted; and

means for prohibiting print-output of said information if the print-output is not permitted.

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8. The digital broadcast receiving apparatus according to claim 2, further comprising:

means for judging whether or not print-output of said information is permitted; and

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means for prohibiting print-output of said information if the print-output is not permitted.

9. The digital broadcast receiving apparatus according to claim 3, further comprising:

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means for judging whether or not print-output of said information is permitted; and

means for prohibiting print-output of said information if the print-output is not permitted.

10. The digital broadcast receiving apparatus according
5 to claim 4, further comprising:

means for judging whether or not print-output of said information is permitted; and

means for prohibiting print-output of said information if the print-output is not permitted.

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11. The digital broadcast receiving apparatus according to claim 1, further comprising:

means for judging whether or not the extracted information includes an information part print-output of
15 which is not permitted; and

means for, if said information includes the information part print-output of which is not permitted, prohibiting print-output of only the information part.

20 12. The digital broadcast receiving apparatus according to claim 2, further comprising:

means for judging whether or not the extracted information includes an information part print-output of which is not permitted; and

25 means for, if said information includes the information part print-output of which is not permitted,

prohibiting print-output of only the information part.

13. The digital broadcast receiving apparatus according to claim 3, further comprising:

5 means for judging whether or not the extracted information includes an information part print-output of which is not permitted; and

means for, if said information includes the information part print-output of which is not permitted,
10 prohibiting print-output of only the information part.

14. The digital broadcast receiving apparatus according to claim 4, further comprising:

means for judging whether or not the extracted
15 information includes an information part print-output of which is not permitted; and

means for, if said information includes the information part print-output of which is not permitted,
prohibiting print-output of only the information part.

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15. The digital broadcast receiving apparatus according to claim 1, further comprising:

means for judging whether or not said printing means is in a normal status; and

25 means for storing said information if said printing means is not in the normal status.

16. The digital broadcast receiving apparatus according to claim 2, further comprising:

means for judging whether or not said printing

5 means is in a normal status; and

means for storing said information if said printing means is not in the normal status.

17. The digital broadcast receiving apparatus according to claim 3, further comprising:

means for judging whether or not said printing

means is in a normal status; and

means for storing said information if said printing means is not in the normal status.

18. The digital broadcast receiving apparatus according to claim 4, further comprising:

means for judging whether or not said printing

means is in a normal status; and

means for storing said information if said printing means is not in the normal status.

19. A digital broadcast receiving method comprising:

a step of setting information of a digital

broadcast program and the type of information provided in the program, in advance;

a step of receiving digital broadcast of the
program and extracting information related to the set
type; and

a printing step of print-outputting the extracted
5 information.

20. A digital broadcast receiving method comprising:

a designation step of, regarding information
provided in a digital broadcast program, designating
10 print-output of said information at the next and
subsequent broadcast times;

a storing step of storing the program and the type
of said information designated at said designation step;
and

15 a step of performing print-output of information
related to said type as to the stored program at the
next and subsequent broadcast times.

21. A recording medium on which a computer program for
20 receiving digital broadcast is recorded, said computer
program including:

code of a step of setting information of a digital
broadcast program and the type of information provided
in the program, in advance;

25 code of a step of receiving digital broadcast of
the program and extracting information related to the

set type; and

code of a printing step of print-outputting the
extracted information.

- 5 22. A recording medium on which a computer program for
receiving digital broadcast is recorded, said computer
program including:

code of a designation step of, regarding
information provided in a digital broadcast program,
10 designating print-output of said information at the next
and subsequent broadcast times;

code of a storing step of storing the program and
the type of said information designated at said
designation step; and

- 15 code of a step of performing print-output of
information related to said type as to the stored
program stored at the next and subsequent broadcast
times.

- 20 23. A digital broadcast system having a transmitting
apparatus for transmitting digital broadcast and a
receiving apparatus for receiving digital broadcast,

wherein said receiving apparatus comprising:

- means for setting information of a digital
25 broadcast program and the type of information provided
in the program, in advance;

means for receiving digital broadcast of the
program and extracting information related to the set
type; and

means for outputting print data of the extracted
5 information.

24. A digital broadcast system having a transmitting
apparatus for transmitting digital broadcast and a
receiving apparatus for receiving digital broadcast,
10 wherein said receiving apparatus comprising:
designation means for, regarding information
provided in a digital broadcast program, designating
print-output of said information at the next and
subsequent broadcast times;
15 storage means for storing the program and the type
of said information designated by said designation
means; and
means for outputting print data of information
related to said type as to the stored program at the
20 next and subsequent broadcast times.

25. The digital broadcast system according to claim 23,
wherein said transmitting apparatus separately transmits
said information as information with print permission
25 and as information without print permission,
and said receiving apparatus further comprises:

judgment means for judging whether or not said
information is information without print permission; and
means for prohibiting output of print data of said
information if said information is information without
5 print permission.

26. The digital broadcast system according to claim 24,
wherein said transmitting apparatus separately transmits
said information as information with print permission
10 and as information without print permission,
and said receiving apparatus further comprises:
judgment means for judging whether or not said
information is information without print permission; and
means for prohibiting output of print data of said
15 information if said information is information without
print permission.

27. The digital broadcast system according to claim 23,
wherein if said information has an information part
20 without print permission, said transmitting apparatus
separately transmits said information as the information
part and another information part,
and said receiving apparatus further comprises:
judgment means for judging whether or not said
25 information is information without print permission; and
means for prohibiting output of print data of said

information if said information is information without
print permission.

28. The digital broadcast system according to claim 24,
5 wherein if said information has an information part
without print permission, said transmitting apparatus
separately transmits said information as the information
part and another information part,

and said receiving apparatus further comprises:

10 judgment means for judging whether or not said
information is information without print permission; and
means for prohibiting output of print data of said
information if said information is information without
print permission.

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29. The digital broadcast system according to claim 25,
wherein said transmitting apparatus transmits data
related to said information as a header and a main body,
and said header indicates whether or not print-output of
20 said information is permitted,

and wherein said judgment means of said receiving
apparatus reads said header and judges whether or not
said information is information without print permission.

25 30. The digital broadcast system according to claim 26,
wherein said transmitting apparatus transmits data

related to said information as a header and a main body,
and said header indicates whether or not print-output of
said information is permitted,

and wherein said judgment means of said receiving
5 apparatus reads said header and judges whether or not
said information is information without print permission.

31. The digital broadcast system according to claim 27,
wherein said transmitting apparatus transmits data
10 related to said information as a header and a main body,
and said header indicates whether or not print-output of
said information is permitted,

and wherein said judgment means of said receiving
apparatus reads said header and judges whether or not
15 said information is information without print permission.

32. The digital broadcast system according to claim 28,
wherein said transmitting apparatus transmits data
related to said information as a header and a main body,
20 and said header indicates whether or not print of said
information is permitted,

and wherein said judgment means of said receiving
apparatus reads said header and judges whether or not
said information is information without print permission.

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33. The digital broadcast system according to claim 27,

wherein said transmitting apparatus transmits data
related to said information as a header and a main body,
said main body comprising a plurality of blocks
including blocks of said information part and blocks of
5 said another information part, each of the blocks having
a header indicating whether or not print-output of the
block is permitted and a main body of the block,

and wherein said judgment means of said receiving
apparatus reads said header of said block and judges
10 whether or not print-output of the block is permitted.

34. The digital broadcast system according to claim 28,
wherein said transmitting apparatus transmits data
related to said information as a header and a main body,
15 said main body comprising a plurality of blocks
including blocks of said information part and blocks of
said another information part, each of the blocks having
a header indicating whether or not print-output of the
block is permitted and a main body of the block,

20 and wherein said judgment means of said receiving
apparatus reads said header of said block and judges
whether or not print-output of the block is permitted.

35. The digital broadcast system according to claim 23,
25 wherein said receiving apparatus is connected to
printing means to which said print data is outputted,

and wherein said receiving apparatus further
comprises:

means for judging whether or not said printing
means is in an normal status; and

5 means for storing said information if said
printing means is not in the normal status.

36. The digital broadcast system according to claim 24,
wherein said receiving apparatus is connected to
10 printing means to which said print data is outputted,

and wherein said receiving apparatus further
comprises:

means for judging whether or not said printing
means is in a normal status; and

15 storage means for storing said information if said
judgment means judges that said printing means is not in
the normal status.

37. A digital broadcast transmitting/receiving method
20 including a transmission step of transmitting digital
broadcast and a reception step of receiving the digital
broadcast,

wherein said reception step includes:

a step of setting information of a digital
25 broadcast program and the type of information provided
in the program, in advance;

a step of receiving digital broadcast of the
program and extracting information related to the set
type; and

a printing step of print-outputting the extracted
5 information.

38. A digital broadcast transmitting/receiving method
including a transmission step of transmitting digital
broadcast and a reception step of receiving the digital
10 broadcast,

wherein said reception step includes:

a designation step of, regarding information
provided in a digital broadcast program, designating
print-output of said information at the next and
15 subsequent broadcast times;

a storage step of storing the program and the type
of said information designated at said designation step;
and

a step of performing print-output of information
20 related to the type as to the stored program at the next
and subsequent broadcast times.

39. The digital broadcast transmitting/receiving method
according to claim 37, wherein at said transmission step,
25 said information is transmitted separately as
information with print permission and information

without print permission,

and wherein said reception step includes:

a judgment step of judging whether or not said information is information without print permission; and

5 a step of prohibiting output of print data of said information if print-output is not permitted.

40. The digital broadcast transmitting/receiving method according to claim 38, wherein at said transmission step,

10 said information is transmitted separately as information with print permission and information without print permission,

and wherein said reception step includes:

a judgment step of judging whether or not said

15 information is information without print permission; and

a step of prohibiting output of print data of said information if print-output is not permitted.

41. The digital broadcast transmitting/receiving method

20 according to claim 37, wherein if said information has an information part without print permission, at said transmission step, said information is transmitted separately as the information part and another information part,

25 and said reception step includes:

a judgment step of judging whether or not said

information is information without print permission; and
a step of prohibiting output of print data of said
information if said information is information without
print permission.

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42. The digital broadcast transmitting/receiving method
according to claim 38, wherein if said information has
an information part without print permission, at said
transmission step, said information is transmitted
10 separately as the information part and another
information part,

and said reception step includes:

a judgment step of judging whether or not said
information is information without print permission; and
15 a step of prohibiting output of print data of said
information if said information is information without
print permission.

43. The digital broadcast transmitting/receiving method
20 according to claim 39, wherein at said transmission step,
data related to said information is transmitted as a
header and a main body, and said header indicates
whether or not print-output of said information is
permitted,

25 and wherein at said judgment step in said
reception step, said header is read and it is judged

whether or not said information is information without
print permission.

44. The digital broadcast transmitting/receiving method
5 according to claim 40, wherein at said transmission step,
data related to said information is transmitted as a
header and a main body, and said header indicates
whether or not print-output of said information is
permitted,

10 and wherein at said judgment step in said
reception step, said header is read and it is judged
whether or not said information is information without
print permission.

15 45. The digital broadcast transmitting/receiving method
according to claim 41, wherein at said transmission step,
data related to said information is transmitted as a
header and a main body, and said header indicates
whether or not print-output of said information is
20 permitted,

and wherein at said judgment step in said
reception step, said header is read and it is judged
whether or not said information is information without
print permission.

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46. The digital broadcast transmitting/receiving method

according to claim 42, wherein at said transmission step,
data related to said information is transmitted as a
header and a main body, and said header indicates
whether or not print-output of said information is
5 permitted,

and wherein at said judgment step in said
reception step, said header is read and it is judged
whether or not said information is information without
print permission.

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47. The digital broadcast transmitting/receiving method
according to claim 41, wherein at said transmission step,
data related to said information is transmitted as a
header and a main body, said main body comprising a
15 plurality of blocks including blocks of said information
part and blocks of said another information part, each
of the blocks having a header indicating whether or not
print-output of the block is permitted and a main body
of the block,

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and wherein at said judgment step in said
reception step said header of said block is read and it
is judged whether or not print-output of the block is
permitted.

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48. The digital broadcast transmitting/receiving method
according to claim 42, wherein at said transmission step,

data related to said information is transmitted as a header and a main body, said main body comprising a plurality of blocks including blocks of said information part and blocks of said another information part, each
5 of the blocks having a header indicating whether or not
- print-output of the block is permitted and a main body of the block,

and wherein at said judgment step in said reception step said header of said block is read and it
10 is judged whether or not print-output of the block is permitted.

49. The digital broadcast transmitting/receiving method according to claim 37, wherein said reception step
15 includes:

a judgment step of judging whether or not printing can be normally performed at said print step; and

a storage step of storing said information if it is judged that said printing cannot be normally
20 performed.

50. The digital broadcast transmitting/receiving method according to claim 38, wherein said reception step includes:

25 a judgment step of judging whether or not printing can be normally performed at said print step; and

a storage step of storing said information if it
is judged that said printing cannot be normally
performed.